

Goat IgG anti-Rabbit IgG (H+L)-HRPO, MinX Bo,Ck,Go,Gp,Hm,Ho,Hu,Ms,Rt,Sh

General Information

Catalog Number: SEC-183346	Physical State: Lyophilized
Quantity: 1 mg	Reconstitution Volume: 1.0 mL
	Reconstitution Buffer: Restore with deionized water (or equivalent)
	Shipping Conditions: at room temperature
	Product Expiration: Expiration date is one (1) year from date of opening.

Antibody Host / Format

Host Species: Goat	Clonality / Isotype / Clone: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration: 1.0 mg/mL by UV absorbance at 280 nm
	Conjugation: Horseradish Peroxidase (HRP)
	Maximum Excitation / Emission: /

Specificity

Target Species: Rabbit	Immunogen: Rabbit IgG whole molecule
Antibody Specificity: IgG (H+L)	<p>Conjugated Second Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgG and Rabbit Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.</p> <p>Minimal Cross Reactivity: Bovine, Chicken, Goat, Guinea Pig, Hamster generally, Horse, Human, Mouse, Rat, Sheep</p>

Formulation, Transport and Storage

Storage Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	<p>Store secondary antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.</p> <p>Storage Temperature: 4-8°C</p>
Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free	
Preservatives: 0.01% (w/v) Gentamicin Sulfate	

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.

Manufacturer

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Application Recommendation

Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot

Dilution: ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

Anti-Rabbit secondary antibody conjugated to horseradish peroxidase (HRP) generated in goat detects specifically rabbit IgG. This anti-rabbit HRP mx10 secondary antibody has been tested in ELISA, Dot Blot, and Western Blot. Although not tested, this product could be useful for Sandwich ELISA, titration assays, immunoprecipitation, immunohistochemistry as well as other HRP antibody based assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

Background Information

Goat anti-Rabbit IgG (H&L) Antibody Conjugated to Horseradish Peroxidase (HRP) is designed for chemiluminescent detection. Secondary antibodies bind to the primary antibody to assist in detection, sorting and purification of target antigens. To enable detection, the secondary antibody must have specificity for the antibody species and isotype of the primary antibody being used and generally is conjugated. This purified secondary antibody has been validated and optimized yielding good sensitivity and reproducible results with Rockland's primary antibodies. This anti-rabbit IgG antibody has been crossed adsorbed to show no reaction against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat and Sheep Serum Proteins.

Safety Information

This reagent contains Gentamicin Sulfate (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material. **DO NOT ADD SODIUM AZIDE!** Use of Sodium Azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase!

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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Manufacturer

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